

Date: Wed, 14 Sep 94 02:29:36 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #1018
To: Info-Hams

Info-Hams Digest Wed, 14 Sep 94 Volume 94 : Issue 1018

Today's Topics:

1.2GHz on an HT -- how far?
1750 Hz tone generator in Yaesu ft-26?
Amateur Radio in Singapore?
A Repeater on 147.555?!?
FT101E/EE Question
Hooray to the FCC!
IPS Daily Report - 10 September 94
K7UGA Special Event Station!
Problems with Kenwood TH-78A Modifications
SAREX Update 9/14 at 2:30 UTC
Tech call vs. Tech+ call.
Tech to Tech Plus...think b4 u send... (2 msgs)
VHF/UHF/Microwave Resources
When is JOTA?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 13 Sep 1994 08:31:31 -0400
From: haven.umd.edu!news.umbc.edu!nobody@purdue.edu
Subject: 1.2GHz on an HT -- how far?
To: info-hams@ucsd.edu

About 3 inches, right into your head.

--

Brian Cuthie

Systemix Software, Inc.
brian@systemix.com

Date: Tue, 13 Sep 1994 14:29:13 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-
state.edu!jussieu.fr!univ-lyon1.fr!swidir.switch.ch!news.unige.ch!ugcmu!
burrus@network.ucsd.edu
Subject: 1750 Hz tone generator in Yaesu ft-26?
To: info-hams@ucsd.edu

Hi everyone.
I am living in Europe and using an American model 2-meter
handheld (Yaesu ft-26).
Over here, one needs a 1750 Hz tone burst to open the repeaters.
Does anyone know if there is a mod to transform a US version ft-26 -> European
version (with built in tone generator to open the receptors)

Thanks for any help.

Christophe.

Date: Sun, 11 Sep 1994 02:52:09 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
Subject: Amateur Radio in Singapore?
To: info-hams@ucsd.edu

In article <34thov\$cb6@news.delphi.com> carsonco@news.delphi.com
(CARSONCOLE@DELPHI.COM) writes:
>I am moving to Singapore and was wondering what the status is regarding
>owning/operating radio equipment. Any help would be appreciated, since I
>am unsure as to where to turn.

I'm told that the Singapore government spends at least one year
processing licenses. There's no problem owning radios at all.

Jeff NH6IL

Date: 13 Sep 1994 17:45:35 GMT
From: es.com!nah!alan@uunet.uu.net
Subject: A Repeater on 147.555?!?
To: info-hams@ucsd.edu

In article <34di6t\$736@rain.org> leigh@rain.org (Leigh) writes:
>For several years, I've used 147.555 mHz for local FM simplex with a small
>group of friends. Most of the time the frequency was clear of QRM.

You were fortunate...

>
>But recently a _repeater_ with apparently high coverage in the Los Angeles
>area has appeared on 147.555, and QRMs our ragchews in Santa Barbara.

There are several ways to deal with this.

1. Move to a different frequency.
2. Use directional antennas to reduce or eliminate the interference.
3. Have your QSOs when the repeater is not so active.

>
>This repeater uses 146.535 as an input. Both 147.555 and 146.535 are listed
>as FM simplex frequencies in the ARRL band plan.

I have heard that for many years there have been no available frequency pairs for repeaters on 2 meters in Southern California. Therefore, if more repeaters are to be put on the air, some underutilized simplex frequencies could be used. Since no one has a "right" to a particular frequency, any interference problems that arise would have to be dealt with among the affected parties.

>
>This repeater's ID'er uses the callsign of W6FP.

>
>Getting tired of the interference, I got on this repeater, and nicely
>complained to one of it's control operators. He was fairly courteous;
>he invited me to use the repeater, and apologized for the interference,
>but did not offer to resolve the problem.

Why should he have?

>
>I informed the control operator that both 146.535 and 147.555 were intended
>for FM simplex, under the ARRL band plan. He stated that several local ARRL
>Official Observers had approved the non-standard repeater frequencies.

>
>Do the "suggested" Band Plans have any meaning any more?! What next: FM
>packet nodes on 144.200 or CW QSOs on repeater inputs?

As our bands become more populated, flexibility and understanding will become watchwords for dealing with the inevitable interference problems. The ARRL band plans are nothing more than suggestions for utilizing our

available spectrum. The FCC dictates what modes can be used on a particular band of frequencies - after that, it is up to us to use the spectrum in efficient ways. In some parts of the country, the ARRL band plan may work well, but in other parts of the country, perhaps not.

>

>Yes, all of the conventional 2 meter repeater pairs in Southern California
>are all used up, and repeater-to-repeater interference is common. But does
>every Ham have a right to have his own repeater? With our crowded,
>limited VHF spectrum, I believe we all should use FM simplex or SSB
>whenever possible.

The reality is that many, if not most people that are active on 2 meters are using hand-held transceivers with small antennas. Except for close proximity situations, simplex operation is just not as effective or practical as communicating through a repeater system.

>

>Evidently, the local "co-ordinating" group for 2 meters in California, TASMA,
>is having some organizational problems, and will not currently be of much
>help, or so I'm informed.

Apparently, the group that put this repeater on the air was not dealing with TASMA.

>

>Any comments or suggestions? While your area may not currently have such
>problems, it may soon happen, due to the tremendous popularity of the
>No-Code license.

Think about using another frequency for your local ragchew group.
There must be plenty of space available on a band that is 4 MHz wide.
Good luck.

>

>Thanks for reading and 73 from Leigh/KM6JE in Santa Barbara.

>

--

Alan Brubaker, K6X0 |~|_ "Pumps have handles, Hams have names;
<IYF disclaimer> | * |mine's Lee, what's yours?" - Lee Wical,
Internet: alan@dsd.es.com|____|KH6BZF, the Bloomin' Zipper Flipper.

Date: Mon, 12 Sep 1994 21:18:58 GMT

From: hp1extra!news.dtc.hp.com!srngenprp!donxm@hplabs.hp1.hp.com

Subject: FT101E/EE Question
To: info-hams@ucsd.edu

bill nelson (billn@hpcvaac.cv.hp.com) wrote:
> Does anyone know the differences between the FT101E and FT101EE?

The FT101E had a speech processor if I recall. I had a FT101EE for about five years; I wasn't too impressed with it. Traded it in on a Kenwood TS-130S.

73 Don Montgomery, K6LTS
donrm@sr.hp.com

Date: Tue, 13 Sep 1994 20:21:24 GMT
From: ihnp4.ucsd.edu!agate!news.ossi.com!news.fujitsu.com!amdahl!netcomsv!
netcom.com!tja@network.ucsd.edu
Subject: Hooray to the FCC!
To: info-hams@ucsd.edu

Joe N9YJZ (joen9yjz@aol.com) wrote:
: Well, contrary to what I have been hearing the last 8 weeks of my
: life, that it takes 15 weeks to get a call sign, mine finally arrived in
: the mail today on Tuesday. I took the Tech+ test on July 9th and received
: my license today, the 6th of September, having it issued on the 31st of
: August. Say hello to the one and only N9YJZ!! (8/9 weeks?!?)
: Oh..by the way..thanks to the guys on usenet that kept me busy while I
: waited..73's!

: Joe N9YJZ

Congratulations!!! Have fun on the air.

Tom

--
T.J. Alessi - WB1L * P.O.Box 16781 * Stamford, CT 06905-8781 * +1(203)969-1880
Internet:TJA@Netcom.Com * MCI:Alessi@MCIMail.Com * Packet:WB1L@N1RNH.CT.US

Date: Sat, 10 Sep 1994 23:36:24 GMT
From: agate!msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!
rwc@ames.arpa
Subject: IPS Daily Report - 10 September 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT

ISSUED AT 10/2330Z SEPTEMBER 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 10 SEPTEMBER AND FORECAST FOR 11 SEPTEMBER - 13 SEPTEMBER

1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 82/23

GOES satellite data for 09 Sep

Daily Proton Fluence >1 MeV: 8.9E+06

Daily Proton Fluence >10 MeV: 1.4E+04

Daily Electron Fluence >2 MeV: 5.2E+08

X-ray background: A7.2

Fluence (flux accumulation over 24hrs)/ cm²-ster-day.

1B. SOLAR FORECAST

| | 11 Sep | 12 Sep | 13 Sep |
|----------|---------------|---------------|---------------|
| Activity | Very low | Very low | Very low |
| Fadeouts | None expected | None expected | None expected |

Forecast 10.7 cm flux/Equivalent Sunspot Number for 11 Sep: 80/20

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled, apart from active levels observed 09-12UT.

| Estimated Indices : A | K | Observed A Index 09 Sep |
|-----------------------|--------------|-------------------------|
| Learmonth | 13 3334 3222 | |
| Fredericksburg | 16 | 28 |
| Planetary | 20 | 30 |

Observed Kp for 09 Sep: 3445 5443

2B. MAGNETIC FORECAST

| DATE | Ap | CONDITIONS |
|--------|----|--------------------|
| 11 Sep | 15 | Quiet to unsettled |
| 12 Sep | 10 | Quiet to unsettled |
| 13 Sep | 10 | Quiet to unsettled |

3A. GLOBAL HF PROPAGATION SUMMARY

| | LATITUDE BAND | | |
|--------|---------------|-------------|-----------|
| DATE | LOW | MIDDLE | HIGH |
| 10 Sep | normal | fair-normal | poor-fair |

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

| DATE | LOW | MIDDLE | HIGH |
|--------|--------|-------------|--------|
| 11 Sep | normal | fair-normal | fair |
| 12 Sep | normal | normal | normal |
| 13 Sep | normal | normal | normal |

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed

| DATE | T-index | MUFs at Sydney |
|--------|---------|-------------------------------|
| 10 Sep | 26 | near predicted monthly values |

Predicted Monthly T-index for September: 20

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

| DATE | T-index | MUFs |
|--------|---------|-------------------------------|
| 11 Sep | 25 | Near predicted monthly values |
| 12 Sep | 25 | Near predicted monthly values |
| 13 Sep | 25 | Near predicted monthly values |

COMMENT: Regular Sporadic E layer and night-time Spread F were observed yesterday, with similar conditions expected for today.

--

| | |
|---|------------------------------|
| IPS Regional Warning Centre, Sydney | IPS Radio and Space Services |
| RWC Duty Forecaster tel: +61 2 4148329 | PO Box 5606 |
| Recorded Message tel: +61 2 4148330 | West Chatswood NSW 2057 |
| email: rwc@ips.oz.au fax: +61 2 4148331 | AUSTRALIA |

Date: 10 Sep 94 00:00:53 -0500

From: olivea!charnel.ecst.csuchico.edu!nic-nac.CSU.net!usc!howland.reston.ans.net!
vixen.cso.uiuc.edu!news.uoregon.edu!usenet.eel.ufl.edu!usenet.cis.ufl.edu!

usenet.ufl.edu!gnv.ifas.ufl.edu!@

Subject: K7UGA Special Event Station!

To: info-hams@ucsd.edu

In article <milewski-090994134529@fp2-st-affairs-9.uoregon.edu>,

milewski@oregon.uoregon.edu (Steve Milewski) writes:

> In article <lenwink.213.00085946@indirect.com>, lenwink@indirect.com (Len
> Winkler) wrote:

>

>> Senator Barry Goldwater's K7UGA call, will be used for a special event
[...]

>

> Amusing story: I worked Barry Goldwater one morning and then followed up
> the QSO with a QSL and SASE. Told him that I'd really love to get his card,

> etc.
>
> Well, I DID get a card from him. But it was only a 3x5 index card with his
> signature on it. No mention of the QSO or anything.
>
> Sounds as if one wants his real card, they have to work somebody else
> working his station! :-)

I once saw a Goldwater autograph for sale at a not insignificant price. Hang on to it a few more years and it might be worth something!

-- Bob
WB4JCM

Date: 13 Sep 1994 12:45:55 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!msuinfo!netnews.upenn.edu!
futures.wharton.upenn.edu!caldwe33@network.ucsd.edu
Subject: Problems with Kenwood TH-78A Modifications
To: info-hams@ucsd.edu

Later model TH-78 will not do anything in the 800 mhz band.

Date: 14 Sep 94 03:18:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Update 9/14 at 2:30 UTC
To: info-hams@ucsd.edu

SB SAREX @ AMSAT \$STS-64.015
SAREX Update 9/14 at 2:30 UTC

Silver Spring, MD, September 14 1994 at 2:30 UTC

SAREX Contact on Satcom C1 Satellite Downlink

Those who wish to see a SAREX school group contact in action and have access to a C-band TVRO dish will have a special treat later today. The Step/STAR Schools Young Astronaut group, located in Spokane, Washington, will talk to the space shuttle astronauts through a special telebridge link which is expected to begin at approximately 18:10 UTC. This contact will be broadcast live via the Satcom C1 satellite on transponder 18. C1 is also designated F1 and is located at 137 degrees West Longitude.

School Group Status

8 of the 10 planned school group contacts have now been successfully completed. The Springfield Plains Elementary, in Clarkston, Michigan had an outstanding 9 minute contact with mission specialist Jerry Linenger, KB5HBR. 26 questions were asked by the students during this event. Reports from the coordinators at all the schools have been thankful of the outstanding educational program that SAREX provides the students. At the Crystal Lake South Elementary school in Illinois, the students got an "elementary" demonstration of circular polarization. The technical team at the school demonstrated to the students that left hand polarization of their antenna provided up to a 4 S unit improvement in the signal over right hand circular polarization for some portions of the pass over the Chicago area. Chalk up another one for SAREX volunteer ingenuity!

General Voice and Packet QSOs

We have gotten several reports from radio amateurs and the shuttle crew that general voice QSOs are being made. Please remember that the astronauts are not awake around the clock. Their 8 hour sleep period ends at 11:22 UTC on 9/14, at 9:52 UTC on 9/15, at 10:22 on 9/16 & 9/17 and at 9:52 UTC on 9/18. Also, as I reported at the beginning of this flight, Shuttle power conservation measures, required to support an extra (10th) day of flight, has resulted in no packet radio operation to date. It is hoped that the packet system will be turned on later in the flight. The SAREX team will keep you posted. Please remember to listen on the downlink frequency (145.55 MHz) for the packet activity BEFORE sending packet connects to the Space Shuttle.

Submitted by Frank H. Bauer, KA3HDO for the SAREX Working Group
/EX

Date: Tue, 13 Sep 1994 12:42
From: dog.ee.lbl.gov!news.cs.utah.edu!cs.utexas.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!unixg.ubc.ca!
news.mic.ucla.edu!MVS@ihnp4.ucsd.edu
Subject: Tech call vs. Tech+ call.
To: info-hams@ucsd.edu

In article <1994Sep13.175355.23726@news.csuohio.edu>,
mike@shien.ist.csuohio.edu (mike mayer) writes:

>I got my Tech+ in January 94, a few months before FCC officially
>recognized "Technician Plus" by printing it on your license.
>
>Can you re-submit form 610, with your CSCE for 5WPM CW and get
>a new printed license that says "Technician Plus" not just
>"Technician" BUT at the same time retain your original callsign

>from the first tech license?

You can always keep your callsign. You probably have to change
something to get the application processed. Change your address
in some nominal way, like changing Ave. to Avenue, or vice versa.

-- 73 de Chris Thomas, AA6SQ (ex-WA6HTJ) (CSMSCST@MVS.OAC.UCLA.EDU)

Date: 13 Sep 1994 20:09:07 GMT
From: haven.umd.edu!cville-srv.wam.umd.edu!ham@purdue.edu
Subject: Tech to Tech Plus...think b4 u send...
To: info-hams@ucsd.edu

PLEASE don't submit a 610 for a simple change of address, like
from "9200 Second Ave." to "9200 Second Avenue."

PLEASE don't do this. Yes, your new license will say "Tech
Plus." Yes, carrying around your Tech license does not imply
you passed 5 wpm. A pain? Yes. Need to carry that CSCE...

But every application sent in to the FCC uses government
resources like paper, time, money, and manpower, which are
already in short supply in Gettysburg. I'm not saying to
definitely not send it in, but there are PLENTY of really
good reasons to send it in - like actually upgrading, or
moving, or using a P.O. Box instead of a street address,
etc., etc., etc.

Imagine if all the Tech Pluses sent in new 610's at the
same time, asking for "Tech Plus" pieces of paper...

What the FCC should AUTOMATICALLY do is send out a new
"Tech Plus" license to EVERY Tech Plus, except that there
are probably (at least) 75,000 of them in the US.

--

73,

----- The
 \ / Long Original
Scott Rosenfeld Amateur Radio NF3I Burtonsville, MD | Live \$5.00
WAC-CW/SSB WAS DXCC - 130 QSLed on dipoles _____| Dipoles! Antenna!

Date: 13 Sep 1994 20:28:58 GMT
From: yuma!galen@purdue.edu
Subject: Tech to Tech Plus...think b4 u send...

To: info-hams@ucsd.edu

In article <3550t3\$scj@cville-srv.wam.umd.edu> ham@wam.umd.edu (Scott Richard Rosenfeld) writes:

>PLEASE don't submit a 610 for a simple change of address, like
>from "9200 Second Ave." to "9200 Second Avenue."
>PLEASE don't do this. Yes, your new license will say "Tech
>Plus." Yes, carrying around your Tech license does not imply
>you passed 5 wpm. A pain? Yes. Need to carry that CSCE...
>But every application sent in to the FCC uses government
>resources like paper, time, money, and manpower, which are
>already in short supply in Gettysburg.

I agree with Scott here. If you really must send in a 610, do it for your General or Advanced.

By the way, how many of you have been asked to prove you passed the 5wpm, hands please...

Galen, KF0YJ

Date: Sun, 11 Sep 1994 03:31:18 GMT
From: ihnp4.ucsd.edu!news.cerf.net!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!elroy.jpl.nasa.gov!swrinde!howland.reston.ans.net!agate!hilbert.dnai.com!nic.scruz.net!cruzio!brettb@network.
Subject: VHF/UHF/Microwave Resources
To: info-hams@ucsd.edu

I'm looking for specific resources for VHF/UHF/Microwaver. How to get started, how to get past just packet and HT's. What equipment to buy, proper procedures, etc. Are there any specific resources, either on the Internet (FAQS, Archives, WWW) or in the print world (Mags or especially good books) for the specialized VHF/UHFer? There is so much to cover in this area that looks interesting, I am looking for good intro material to the various VHF/UHF/Microwave modes (satellite, SSB, AM, FM) as well as tips on equipment and proper procedures. I want to go beyond just using my HT and occasional Internet<==>packet forays... would like to try satellite perhaps DX; CW, SSB and AM as well but want to move ahead wisely. Any tips would be appreciated. I'm especially interested in using the computer to support VHF/UHF work and also GPS.

Thanks in advance for any help.

THX de KC6UPU, grid CM86XX...

I wonder if a specific VHF/UHF/Microwave FAQ or newsgroup might be in order?

--

Brett Breitwieser, Clinical Hypnotherapist (brettb@cruzio.com)
Director, AXIS MUNDI: *Axis Mundi* As the Image of *Phallos Protos*
Certified by the National Guild of Hypnotists
Member, Therapists for Social Responsibility

Date: 13 Sep 94 17:44:31 CDT
From: equalizer!timbuk.cray.com!walter.cray.com!rps@network.ucsd.edu
Subject: When is JOTA?
To: info-hams@ucsd.edu

Hi I'm looking to find out the dates for the Jomboree on the air
Boy Scout/ham radio get together. Are there any rules? Who can I
contact who organizes this event? Where can I get JOTA patches? etc....etc....
I would like to offer my shack to some scouts to use. I understand it's
sometime in October. Any Ideas?

Thanks!

Russ Starksen - NOMRR
Cray Research Inc.
rps@cray.com

Date: 9 Sep 94 23:57:22 -0500
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!news.uoregon.edu!
usenet.eel.ufl.edu!usenet.cis.ufl.edu!usenet.ufl.edu!gnv.ifas.ufl.edu!
climatol@ames.arpa
To: info-hams@ucsd.edu

References <roh033.mah48d-010994122130@136.141.220.39>,
<778686745.109snx@n2ayj.overleaf.com>, <34gpeo\$ab1@tymix.Tymnet.COM>l.ufl.e
Subject : Re: Origin of "Elmer"?

In article <34gpeo\$ab1@tymix.Tymnet.COM>, flanagan@niagara.Tymnet.COM (Dick
Flanagan) writes:
> In article <778686745.109snx@n2ayj.overleaf.com> n2ayj@n2ayj.overleaf.com (Stan
Olochwoszcz N2AYJ) writes:
>>I got my license in March, 1979 and Elmer was pretty strongly entrenched
>>by then.
>
> Ditto back in 1960 when I got started.
>

I don't think I ever heard the term until the late 70's at least. I recall reading a QST article by someone who said he was helped out in his early radio days by someone whose name was "Elmer," and his article is apparently where the name came from. It may well have been a reprint of an older article, but I think a search through old QSTs would eventually turn up the answer.

-- Bob, WB4JCM
rejo@gnv.ifas.ufl.edu

Date: 10 Sep 1994 21:58:46 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!
haven.umd.edu!umd5.umd.edu!w3eax.umd.edu!lifer@ames.arpa
To: info-hams@ucsd.edu

References <34l00r\$af1\$1@mhade.inhouse.compuserve.com>,
<veltmanCvuH1F.L68@netcom.com>, <CvxIGv.HFB@world.std.com>
Subject : Re: HPM Lesson?

I worked 20 meter phone a LOT last weekend, and only landed 22 contacts. I heard almost nothing on 15 meters and 10 meters, and a club member had borrowed our straight key. As it happened, I contacted very few people east of the Mississippi.

At any rate, I contacted another three people last night and today. Although I had originally been hoping to work all states in the celebration, I decided that I had put more than enough time into the contest, and called it quits after I got my 25 contacts.

For next time, however, the lure of running the pileups might be enough for me to volunteer for the ARRL and sign /whatever.

--

Benjamin Schultz, KE3OM
President, U of MD Amateur Radio Association
(W3EAX)

End of Info-Hams Digest V94 #1018
